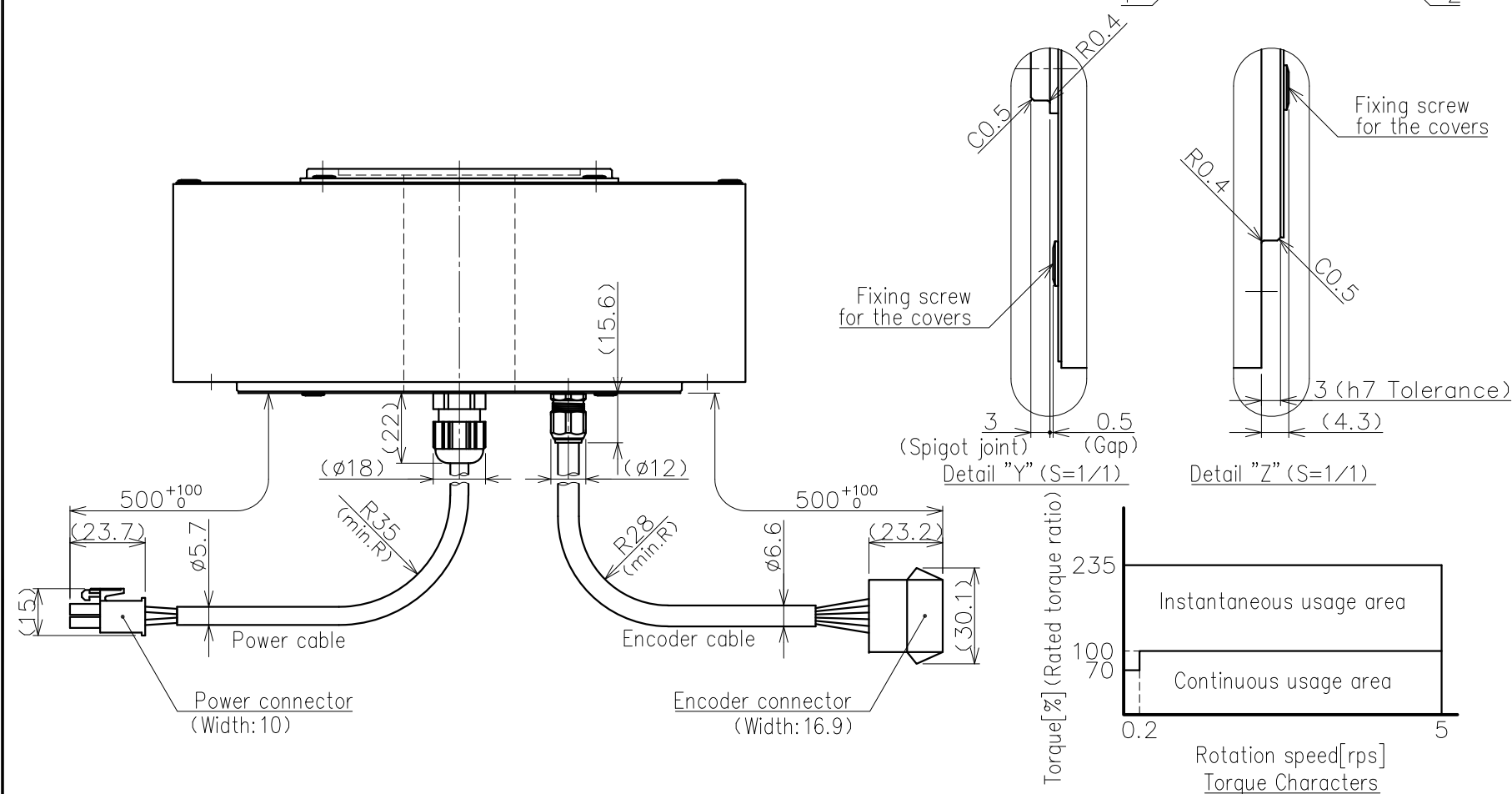
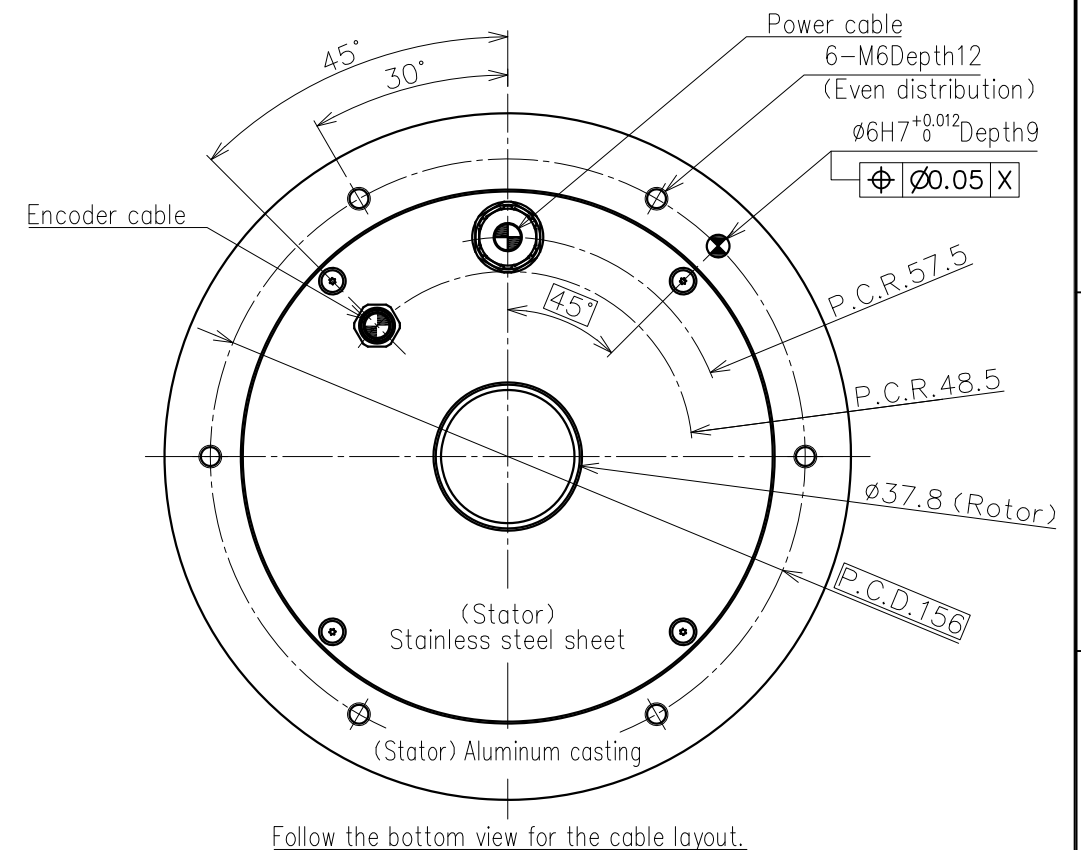
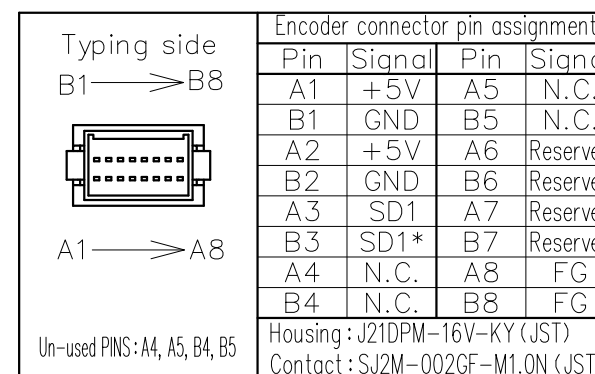
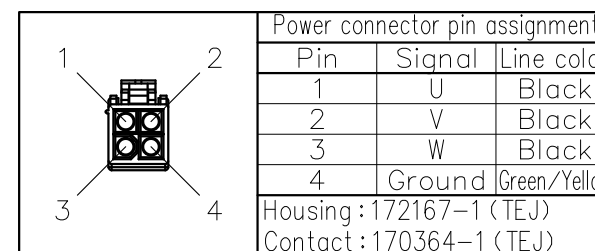




Nameplate list	
Index	Details
Nameplate 1	UL Motor serial No.1
Nameplate 2	UL Motor serial No.2
Nameplate 3	Encoder type, Resolution
Nameplate 4	Encoder software



Specifications

Items	Unit	Specifications
Rated torque	N·m	16.0
Max. torque	N·m	37.6
Rated current	A	5.0
Rated rotation speed	rps	5
Rated output	W	502
Encoder type	Optical absolute (single-turn)	
The signal output	Serial communication	
Interpolation unit	Built-in motor	
Detection pulse	PPR	2,097,152
Electrical detection resolution	arc second	0.618
Allowable moment load	N·m	27.3
Allowable axial load	N	2,900
Radial runout (No load)	mm	0.05
Axial runout (No load)	mm	0.05
Rotor moment of inertia	kg·m ²	0.0031
Mass	kg	5.8
Magnetic pole detection	Absolute	position detection
Power source	ACV	3-phase 200V
Paired servo driver		800W
Duty type	—	Continuous (S1)
Mounting attitude	—	Horizontal (Rotor facing upward) ☆
Protection class	IP	40
Operating temperature	°C	0~40
Humidity (Non-condensing)	%	0~85
Vibration resistance	G	1
Withstand voltage	AC 1500V for 1 min. only	
Insulation resistance	Ω	100M or higher

◆ The life of bearing and runout accuracy are different by load condition.

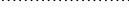
☆ Please make sure to consult with us if the mounting is other than horizontal attitude.

Note

1. Allowable axial load and allowable moment load indicated in the spec. sheet are the maximum allowable load when each load is independently activated. Please make sure to consult us in case of combined load at the axial load, radial load, and moment load to be activated, or life of the motor.

2. Please do not wire the pin (A6~B7) which is reserved for encoder manufacturer to avoid the encoder troubles.

3.Special model motor, please refer to the special model drawing.

△				NOTE File name/SE-84090A.dwg			ENTRY No. R1-72176		PRODUCT No. 248-2541	
△				APPROVED	CHECKED	DESIGNED	FINISH —		MODEL rDISC Motor ND180-70-LSB-UC (ABS) NMR-SSMJA2A-501AB-UC	
△							MATERIAL Refer drawing		TITLE Dimensions (ABS)	
REV. MARK ENTRY No.				REV. NOTE	APPROVED DATE	CHECKED DATE	DESIGNED DATE	DRAWING No. SE-84090A		REV.
					CKD NIKKI DENSO CO., LTD			third angle projection		A